

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D050719S.M
 Title : SW846 8260
 Last Update : Tue May 07 14:26:29 2019
 Response Via : Initial Calibration

Calibration Files

5 =VD062136.D 10 =VD062137.D 20 =VD062138.D
 50 =VD062139.D 75 =VD062140.D 100 =VD062141.D

	Compound	5	10	20	50	75	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.476	0.483	0.475	0.484	0.462	0.488	0.478	1.95
3) P	Chloromethane	0.374	0.336	0.347	0.330	0.334	0.352	0.346	4.62
4) C	Vinyl Chloride	0.313	0.330	0.335	0.354	0.338	0.367	0.340	5.62#
5) T	Bromomethane	0.079	0.076	0.070	0.085	0.079	0.087	0.080	7.68
6) T	Chloroethane	0.154	0.149	0.100	0.156	0.154		0.142	16.90
7) T	Trichlorofluorome	0.662	0.646	0.672	0.671	0.646	0.665	0.660	1.80
8) T	Diethyl Ether	0.114	0.127	0.122	0.129	0.127	0.144	0.127	7.77
9) T	1,1,2-Trichlorotr	0.479	0.518	0.504	0.520	0.466	0.509	0.499	4.43
10) T	Methyl Iodide	0.759	0.716	0.714	0.767	0.756	0.817	0.755	4.99
11) T	Tert butyl alcoho	0.023	0.022	0.023	0.023	0.024	0.027	0.024	6.73
12) CM	1,1-Dichloroethen	0.347	0.375	0.366	0.415	0.369	0.416	0.381	7.37#
13) T	Acrolein	0.021	0.027	0.027	0.024	0.022	0.027	0.025	10.54
14) T	Allyl chloride	0.526	0.574	0.527	0.579	0.538	0.581	0.554	4.79
15) T	Acrylonitrile	0.060	0.061	0.062	0.061	0.064	0.067	0.062	4.09
16) T	Acetone	0.097	0.103	0.092	0.100	0.092	0.100	0.097	4.58
17) T	Carbon Disulfide	0.988	0.996	1.008	1.136	1.140	1.312	1.097	11.51
18) T	Methyl Acetate	0.299	0.166	0.168	0.169	0.164	0.181	0.191	27.84
19) T	Methyl tert-butyl	0.751	0.816	0.799	0.826	0.846	0.865	0.817	4.87
20) T	Methylene Chlorid	0.437	0.398	0.379	0.395	0.387	0.445	0.407	6.66
21) T	trans-1,2-Dichlor	0.418	0.382	0.390	0.451	0.454	0.451	0.424	7.67
22) T	Diisopropyl ether	1.197	1.172	1.084	1.183	1.178	1.264	1.180	4.89
23) T	Vinyl Acetate	0.516	0.617	0.601	0.647	0.655	0.699	0.622	10.02
24) P	1,1-Dichloroethan	0.679	0.669	0.689	0.695	0.722	0.816	0.712	7.65
25) T	2-Butanone	0.102	0.102	0.103	0.102	0.109	0.120	0.106	6.95
26) T	2,2-Dichloropropa	0.727	0.710	0.672	0.688	0.711	0.745	0.709	3.68
27) T	cis-1,2-Dichloroe	0.475	0.456	0.425	0.465	0.497	0.530	0.475	7.56
28) T	Bromochloromethan	0.232	0.297	0.281	0.276	0.285	0.308	0.280	9.31
29)	Tetrahydrofuran	0.048	0.050	0.049	0.046	0.048	0.053	0.049	5.27
30) C	Chloroform	0.833	0.842	0.827	0.858	0.873	0.913	0.858	3.71#
31) T	Cyclohexane	0.464	0.451	0.467	0.502	0.516	0.525	0.488	6.29
32) T	1,1,1-Trichloroet	0.792	0.760	0.819	0.831	0.853	0.809	0.811	3.99
33) S	1,2-Dichloroethan	0.417	0.462	0.480	0.476	0.466	0.486	0.465	5.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.379	0.393	0.422	0.452	0.435	0.408	0.415	6.54
36) T	1,1-Dichloroprope	0.402	0.413	0.417	0.417	0.405	0.406	0.410	1.56
37) T	Ethyl Acetate	0.153	0.175	0.181	0.181	0.172	0.181	0.174	6.22
38) T	Carbon Tetrachlor	0.532	0.569	0.562	0.591	0.575	0.575	0.567	3.47
39) T	Methylcyclohexane	0.352	0.393	0.386	0.419	0.414	0.393	0.393	6.09
40) TM	Benzene	0.853	0.937	0.916	0.945	0.906	0.997	0.926	5.15
41) T	Methacrylonitrile	0.191	0.224	0.215	0.212	0.209	0.224	0.212	5.73
42) TM	1,2-Dichloroethan	0.361	0.384	0.385	0.403	0.398	0.422	0.392	5.26
43) T	Isopropyl Acetate	0.215	0.244	0.246	0.251	0.250	0.274	0.247	7.75
44) TM	Trichloroethene	0.327	0.348	0.329	0.372	0.360	0.380	0.353	6.21
45) C	1,2-Dichloropropa	0.221	0.219	0.216	0.234	0.231	0.254	0.229	6.12#
46) T	Dibromomethane	0.166	0.185	0.182	0.192	0.190	0.202	0.186	6.34
47) T	Bromodichlorometh	0.417	0.435	0.451	0.469	0.476	0.484	0.455	5.64
48) T	Methyl methacryla	0.143	0.157	0.155	0.151	0.151	0.154	0.152	3.20
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.37
50) S	Toluene-d8	0.897	1.034	0.972	1.110	1.021	0.969	1.000	7.22
51) T	4-Methyl-2-Pentan	0.153	0.157	0.166	0.157	0.156	0.162	0.158	3.00
52) CM	Toluene	0.553	0.612	0.587	0.622	0.601	0.640	0.602	5.05#

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	Compound	5	10	20	50	75	100	Avg	%RSD
53) T	t-1,3-Dichloropro	0.332	0.391	0.393	0.411	0.412	0.423	0.394	8.27
54) T	cis-1,3-Dichlorop	0.392	0.405	0.429	0.461	0.430	0.460	0.429	6.49
55) T	1,1,2-Trichloroet	0.192	0.211	0.201	0.228	0.211	0.236	0.213	7.75
56) T	Ethyl methacrylat	0.204	0.210	0.211	0.238	0.229	0.237	0.221	6.61
57) T	1,3-Dichloropropa	0.274	0.317	0.334	0.353	0.323	0.331	0.322	8.22
58) T	2-Chloroethyl Vin	0.109	0.120	0.123	0.127	0.122	0.124	0.121	5.11
59) T	2-Hexanone	0.108	0.120	0.124	0.118	0.118	0.113	0.117	4.73
60) T	Dibromochlorometh	0.336	0.362	0.371	0.385	0.367	0.389	0.368	5.15
61) T	1,2-Dibromoethane	0.246	0.256	0.258	0.262	0.249	0.283	0.259	5.16
62) S	4-Bromofluorobenz	0.388	0.399	0.382	0.448	0.419	0.374	0.402	6.82
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.411	0.392	0.366	0.407	0.379	0.390	0.391	4.32
65) PM	Chlorobenzene	0.943	1.015	0.953	0.918	0.875	0.884	0.931	5.49
66) T	1,1,1,2-Tetrachlo	0.411	0.408	0.407	0.434	0.384	0.388	0.405	4.45
67) C	Ethyl Benzene	1.704	1.586	1.597	1.650	1.389	1.428	1.559	7.99#
68) T	m/p-Xylenes	0.597	0.592	0.552	0.621	0.542	0.500	0.567	7.80
69) T	o-Xylene	0.532	0.556	0.517	0.557	0.518	0.484	0.527	5.22
70) T	Styrene	0.956	0.868	0.891	0.911	0.868	0.866	0.893	3.97
71) P	Bromoform	0.260	0.279	0.274	0.301	0.283	0.295	0.282	5.21
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.885	3.047	3.042	2.983	2.743	3.284	2.997	6.05
74) T	N-amyl acetate	0.714	0.763	0.768	0.771	0.819	0.880	0.786	7.28
75) P	1,1,2,2-Tetrachlo	0.539	0.558	0.546	0.535	0.587	0.640	0.567	7.10
76) T	1,2,3-Trichloropr	0.566	0.612	0.601	0.552	0.589	0.646	0.594	5.65
77) T	Bromobenzene	0.824	0.850	0.853	0.777	0.890	0.841	0.839	4.49
78) T	n-propylbenzene	3.515	3.881	3.464	3.377	3.529	3.686	3.575	5.05
79) T	2-Chlorotoluene	2.031	2.104	1.988	1.994	2.108	2.059	2.048	2.55
80) T	1,3,5-Trimethylbe	2.665	2.670	2.410	2.447	2.536	2.414	2.524	4.78
81) T	trans-1,4-Dichlor	0.142	0.157	0.163	0.172	0.178	0.195	0.168	10.78
82) T	4-Chlorotoluene	2.579	2.655	2.329	2.354	2.314	2.226	2.410	6.97
83) T	tert-Butylbenzene	2.889	2.908	2.892	2.837	2.649	2.845	2.837	3.38
84) T	1,2,4-Trimethylbe	2.598	2.739	2.584	2.465	2.348	2.463	2.533	5.39
85) T	sec-Butylbenzene	3.070	3.308	3.305	3.037	3.059	2.883	3.110	5.34
86) T	p-Isopropyltoluen	2.829	2.923	2.808	2.897	2.547	2.670	2.779	5.18
87) T	1,3-Dichlorobenze	1.433	1.652	1.448	1.495	1.542	1.626	1.533	5.97
88) T	1,4-Dichlorobenze	1.575	1.598	1.533	1.417	1.443	1.470	1.506	4.89
89) T	n-Butylbenzene	2.718	2.772	2.358	2.346	2.264	2.507	2.494	8.42
90) T	Hexachloroethane	0.667	0.764	0.754	0.755	0.766	0.828	0.756	6.82
91) T	1,2-Dichlorobenze	1.282	1.434	1.243	1.166	1.159	1.290	1.262	8.01
92) T	1,2-Dibromo-3-Chl	0.079	0.094	0.091	0.090	0.098	0.107	0.093	9.75
93) T	1,2,4-Trichlorobe	0.851	0.977	0.956	0.850	0.941	0.938	0.919	5.97
94) T	Hexachlorobutadie	0.616	0.748	0.683	0.658	0.690	0.705	0.683	6.45
95) T	Naphthalene	1.080	1.292	1.258	1.272	1.344	1.451	1.283	9.48
96) T	1,2,3-Trichlorobe	0.533	0.571	0.574	0.561	0.586	0.640	0.578	6.14

(#) = Out of Range